



## **Calibration Targets near Thousand Springs**

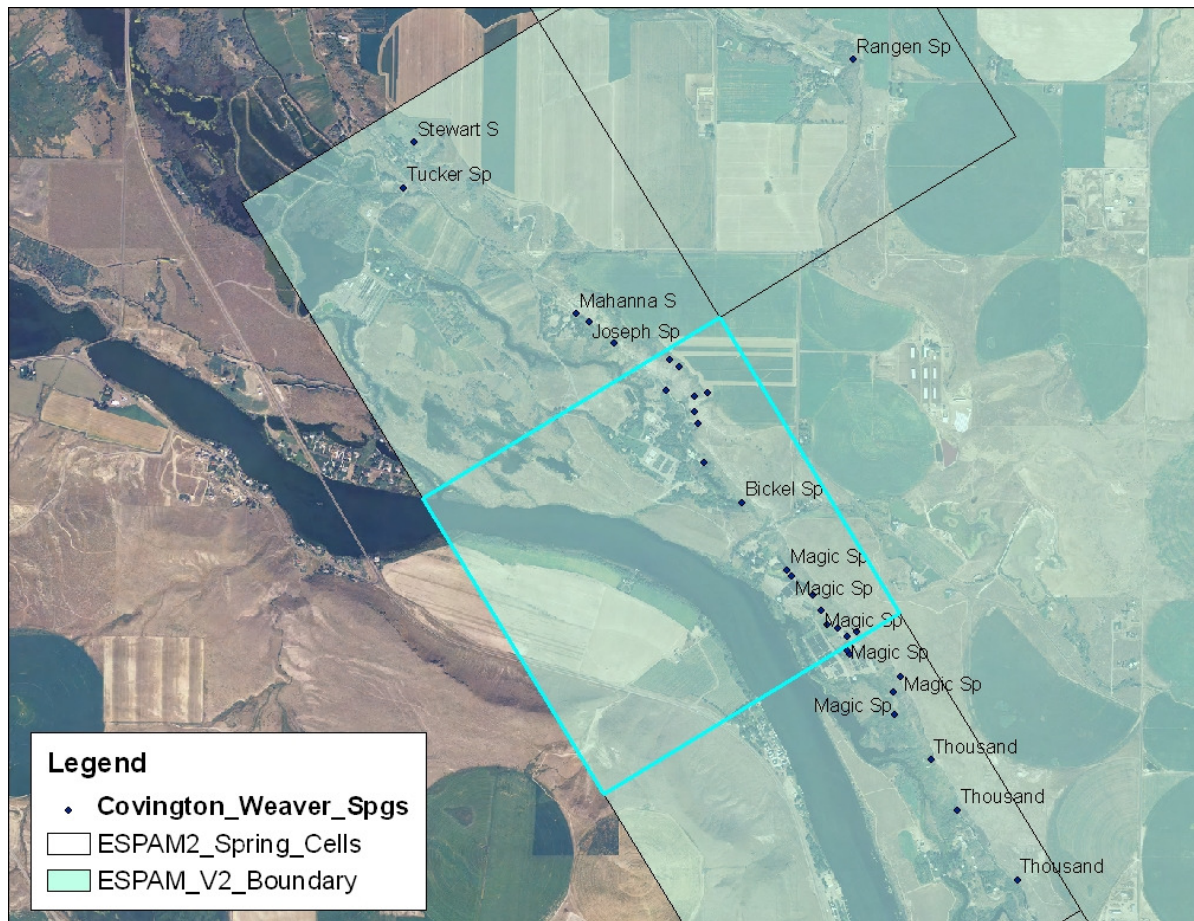
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Allan Wylie IDWR



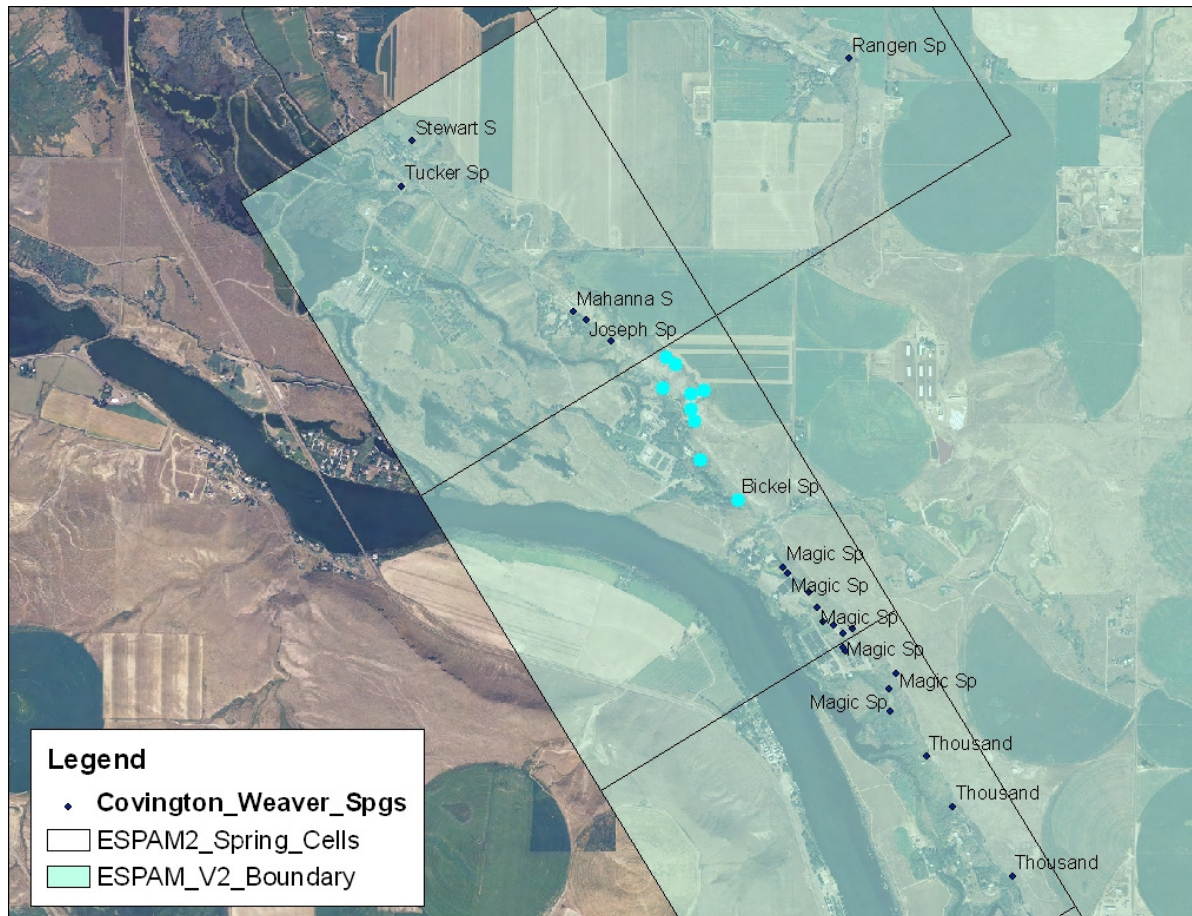


# National Fish Hatchery



- We have the data, now what?
  - Three drain cells per model cell apportioned by elevation
  - Model cell has 17 springs identified by Covington & Weaver
  - Elevations for these springs range from 2961-3100

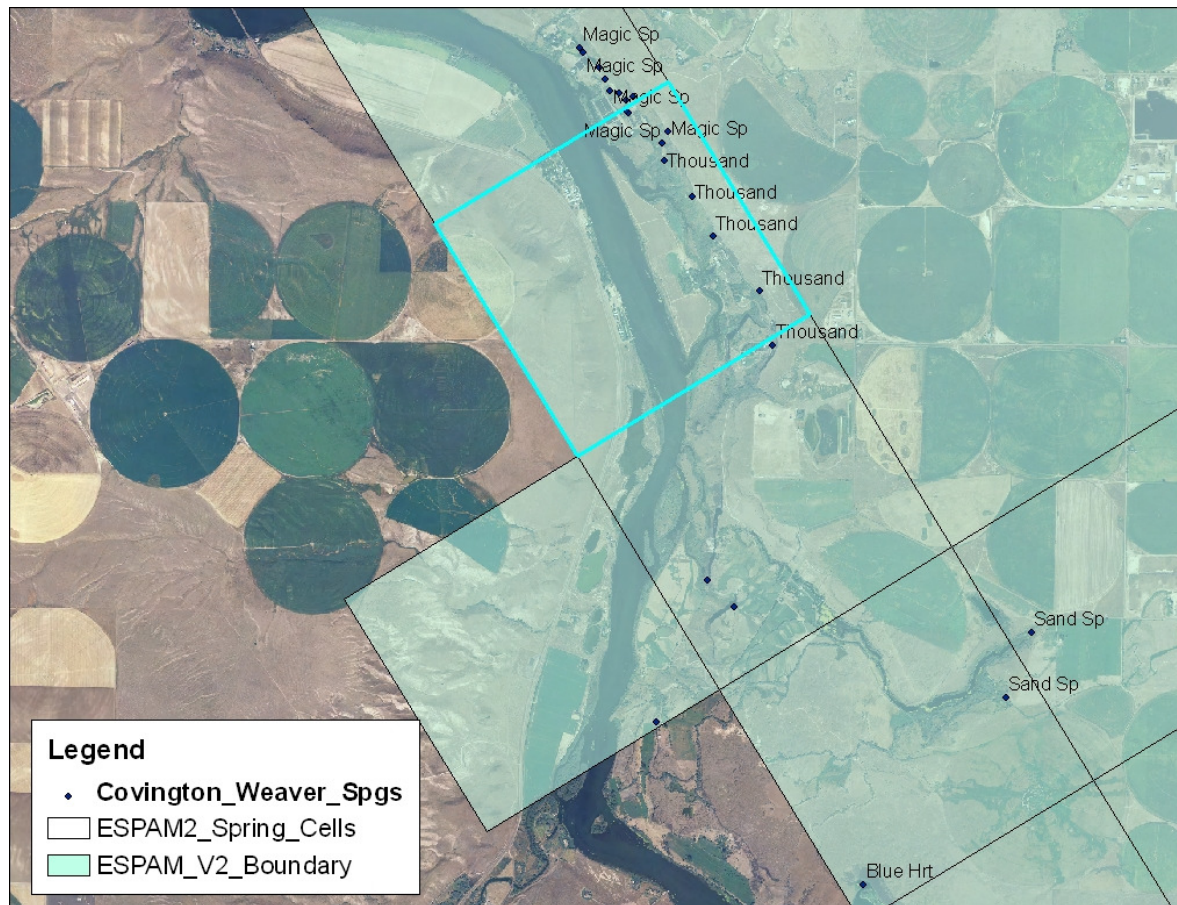
# National Fish Hatchery



- We have the data, now what?
  - I think 9 of the 17 are NFH springs
  - According to Covington and Weaver, elevation for these 9 springs ranges between 2978 and 3100

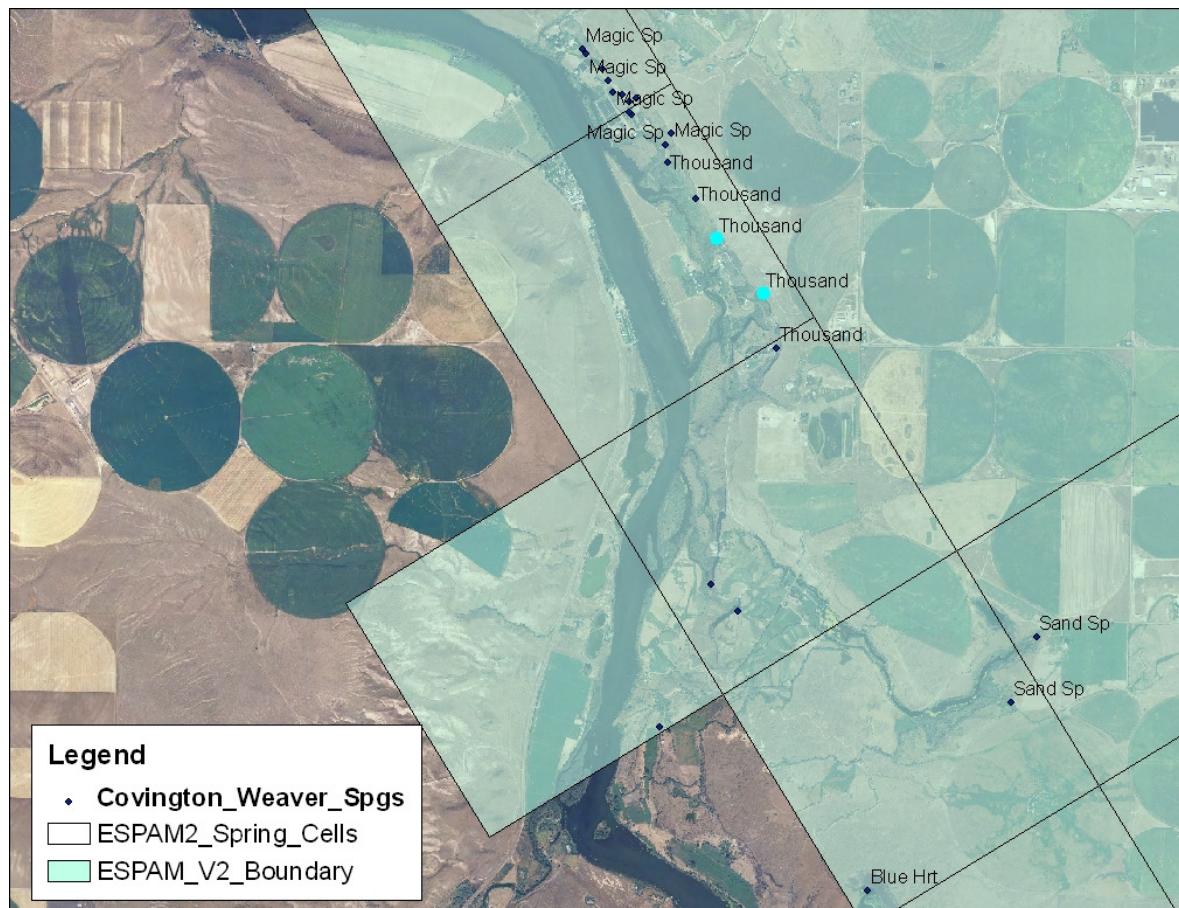


# Thousand Springs Power Plant



- We have the data, now what?
  - Three drain cells per model cell apportioned by elevation
  - Model cell has 8 springs identified by Covington & Weaver
  - Elevations for these springs range from 2951-3075

# Thousand Springs Power Plant



- We have the data, now what?
  - Power plant utilizes 2 of 8 springs plus some Sand Springs water
  - According to Covington and Weaver, elevation for these 2 springs ranges between 2075 and 3052
  - The data we received from IPCo is not from all the springs in the cell
  - The ESPAM1.1 target was scaled to represent all the springs



- **Proposed options**

- Scale the data up to represent all the springs in the cell
- Modify MODFLOW to output drain discharge not discharge by model cell
- Develop utility to compute discharge by drain cell in selected model cells



END

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